

PEPperCHIP® African Swine Fever Virus Microarray

Product: PEPperCHIP® Peptide Microarray

Organism: African Swine Fever Virus

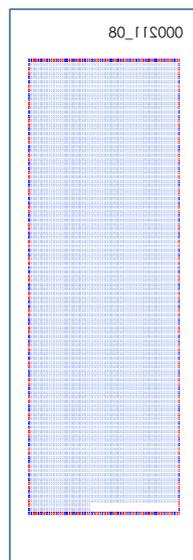
Microarray Content: African Swine Fever Virus antigens (strain Badajoz 1971 Vero-adapted) (Ba71V) (ASFV):

- Attachment protein p12 (O61R) (ID: H9EJW9)
- CD2v; CD2 like protein (pE402R) (ID: A0A0X9U8T8)
- p72 (B646L) (ID: Q5IZK2)
- E120R (ID: A0A2X0THY1)
- B438L (ID: A0A2X0RVF1)
- p54 (E183L) (ID: B2MUM6)
- p17 (D117L) (ID: A0A2X0TCB8)
- E248R (ID: A0A2X0TKP6)
- pp220 (ID: A0A0C5AZH9)
- pp62 (ID: Q65179)
- S273R (ID: A0A2X0TKM5)
- BA71V-K78R, p10 (ID: A0A0C5BC68)

Sequence Compilation: The protein sequences were elongated by neutral GSGSGSG linkers to avoid truncated peptides. The elongated protein sequences were translated into 15 aa peptides printed in duplicate with a maximum peptide-peptide overlap of 14 aa for full epitope coverage.

- peptide length/overlap: 15 aa / 14 aa
- number of peptides/spots: 5,410 / 10,820

Microarray Layout:



Each PEPperCHIP® Peptide Microarray is marked with microarray ID on the backside of the glass slide. The glass slide is accurately placed in an incubation tray with the microarray surface up if the microarray ID appears in the **top right corner** in a **mirror view** manner.

PEPperCHIP® African Swine Fever Virus Microarray contains a single peptide array and is compatible with a 3/1-well PEPperCHIP® Incubation Tray.

PEPperCHIP® African Swine Fever Virus Microarray further contains HA and c-Myc control peptides (116 spots each control).

Microarray Layout Files: Excel: African Swine Fever Virus Microarray.xlsx

MAPIX / GenePix® Pro: African Swine Fever Virus Microarray.gal